

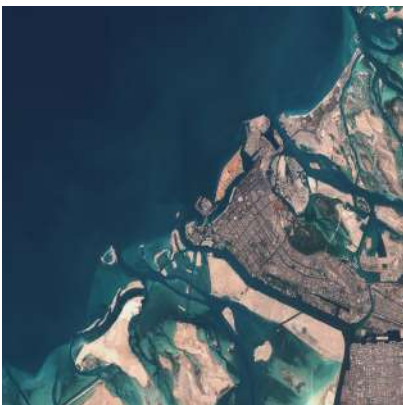


Integrated Oil Spill Monitoring

Protecting the oceans from space

WHY?

Much of the world's oil is transported or extracted at sea at some stage, which puts the marine environment at a much greater risk from oil spillage. Although spills occur mostly in ocean, the spilt oil is often carried to shoreline due to the action of winds, tides and currents. The potential harmful effects of oil spillage on human/environmental health and tourism, make oil spill surveillance a priority in promoting sustainability and resilience.



HOW?

Orbital EOS provides oil spill monitoring using a **network of surveillance satellites** to support Prevention, Monitoring and Response to marine pollution events. The information is provided through a digital platform that integrates Artificial Intelligence, AIS data and advanced image processing. The solution enables awareness about potential pollution-related threats, optimizes decision making and promotes a proactive monitoring of human activities at sea.

OUR PLATFORM



Reliable

Accuracy & reliability through *beyond-state-of-the-art* interpretation and analysis of satellite imagery by a team of experts, minimizing false alarms



Cost-efficient

Subscription-based SaaS for the detection and management of oil pollution events at Sea. Our approach is 20X cheaper than surveillance aircraft



Scalable

Satellites see the big picture and transcend all human boundaries, enabling a constant monitoring of areas of the globe at different geographic scales

OUR APPROACH

From data to Intelligence

- Proactive Detection & Investigation of oil spills
- Constant monitoring with Radar & Optical satellites
- Detection of thick oil patches
- Quantification of oil released at Sea
- Monthly statistics

Satellites have proven to be a very efficient tool for understanding the occurrence of oil pollution at sea, promoting awareness and call to action

Antonio Padial

Head of MRCC Valencia, Spanish Coast Guard



Orbital EOS technologies help us implement disruptive innovation in water quality management and environment protection

Jaime Barba

CEO Go Aigua, Global Omnium Group



GET IN TOUCH

Alvaro de Bazán, 10
Go Hub
Valencia, Spain

(0034) 619 44 83 52
info@orbitaleos.com
www.orbitaleos.com

